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NOTICE OF ALLOWANCE AND FEE(S) DUE

22917

590

10/18/2004

MOTOROLA, INC. 1303 EAST ALGONQUIN ROAD IL01/3RD SCHAUMBURG, IL 60196 EXAMINER

HOANG, JOHNNY H

ART UNIT

PAPER NUMBER

3747

DATE MAILED: 10/18/2004

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/637 121	08/08/2003	Louis Yizhang Liu	IS01220AP	3815

TITLE OF INVENTION: MISFIRE DETECTION IN AN INTERNAL COMBUSTION ENGINE

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/18/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further cor indicated unless corrected t maintenance fee notification	below or directed otherwise	ratent, advance ordin Block 1, by (a)	ters and noti specifying	a new correspondence address	will be mailed to the current s; and/or (b) indicating a sepa	correspondence address as trate "FEE ADDRESS" for		
	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate o	f mailing can only be used for	or domestic mailings of the		
22917 7590 10/18/2004				Fee(s) Transmittal. T	his certificate cannot be used in all paper, such as an assignmente ate of mailing or transmission.	for any other accompanying		
MOTOROLA, INC.								
1303 EAST ALGO				I hereby certify that t	ertificate of Mailing or Trans this Fee(s) Transmittal is bein	e denosited with the United		
IL01/3RD	MOM KOAD			States Postal Service	with sufficient postage for fire	st class mail in an envelope		
SCHAUMBURG,	IL 60196			States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.				
, ,						(Depositor's name)		
						(Signature)		
						(Date)		
APPLICATION NO.	FILING DATE	İ	FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/637,121	08/08/2003		Louis Yizhang Liu IS01220AP		3815			
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HOANG, J	OHNNY H	3747		701-111000	_			
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CFR 1.363).	ance address (or Change of	Torragnon donos	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,					
Address form PTO/SB/12	ence address (or Change of ©22) attached.	Correspondence	-	or, alternatively, me of a single firm (having as	a member a 2			
"Fee Address" indicat	ion (or "Fee Address" Indica	tion form	registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					
Number is required.	or more recent) attached. Use	of a Customer						
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	Γ (print or type)				
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	low, no assignee of this form is NOT	tata will app a substitute	near on the patent. If an assignment,	gnee is identified below, the d	ocument has been filed for		
(A) NAME OF ASSIGNI				CE: (CITY and STATE OR CO				
	assignee category or categor				Corporation or other private gre	oup entity Government		
4a. The following fee(s) are	enclosed:		Payment of	` '				
			A check in the amount of the fee(s) is enclosed.					
			Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to					
Advance Order - # of	Copies		Deposit Acc	ount Number	charge the required fee(s), or (enclose an extra c	opy of this form).		
_ 0	(from status indicated above	•						
	MALL ENTITY status. See 3				ALL ENTITY status. See 37 C			
The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	e Fee and Publicat vill not be accepted nt and Trademark	ion Fee (if ar from anyone Office.	ny) or to re-apply any previous e other than the applicant; a re	sly paid issue fee to the applica gistered attorney or agent; or the	ation identified above. he assignee or other party in		
Authorized Signature				Date				
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Herandia, Thema 22313-	1 430,			to obtain or retain a benefit by llection is estimated to take 12 pon the individual case. Any on ation Officer, U.S. Patent and O FORMS TO THIS ADDRES lection of information unless it	the public which is to file (and minutes to complete, including comments on the amount of the darage of Trademark Office, U.S. Dep. SS. SEND TO: Commissioner the displays a valid OMB control			



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22917	7590 10/18/2004	EXAMINER HOANG, JOHNNY H		
MOTOROLA	-			
1303 EAST AL IL01/3RD	GONQUIN ROAD		ART UNIT	PAPER NUMBER
SCHAUMBUR	G, IL 60196		3747	4
			DATE MAILED: 10/18/200	4

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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MOTOROLA		HOANG, J	HOANG, JOHNNY H		
1303 EAST AL	GONQUII	N ROAD			
IL01/3RD				ART UNIT	PAPER NUMBER
SCHAUMBURG, IL 60196			3747		

DATE MAILED: 10/18/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a))......\$245.00

By other than a small entity.....\$490.00

(c) Issue fee for issuing a plant patent:

By a small entity (Sec. 1.27(a)).....\$330.00

By other than a small entity......\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.